

## CLAIMS

### What Is Claimed Is:

- 1       A ventilated bedpan assembly, comprising:
- 2       a toilet receptacle having a bottom wall, generally upright side walls, and a
- 3       top surface having an opening therethrough adapted to receive human waste
- 4       materials, said side surfaces including at least one venting port;
- 5       a ventilation unit constructed and arranged for detachable connection to
- 6       said toilet receptacle, said ventilation unit comprising:
- 7       a plenum chamber in airflow communication with said at least one venting
- 8       port, said plenum chamber having at least one intake port and an outlet port;
- 9       an ozonation means in airflow communication with said plenum chamber;
- 10       air flow means situated in air flow communication with said plenum
- 11       chamber to induce air flow through said outlet port;
- 12       and electrical power supply means in operative communication with said
- 13       ozonation means and said air flow means;
- 14       whereby actuation of said ventilation unit causes noxious gases to be
- 15       withdrawn through said venting port for deodorization prior to traversing said
- 16       outlet port.

1     2.     The ventilated bed pan of claim 1, further comprising an actuator to said  
2     electrical power supply means.

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1     3.     The ventilated bedpan of claim 1, wherein said actuator is a manually  
2     operated on/off switch in electric communication with said electrical power  
3     supply means.

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1     4.     The ventilated bedpan of claim 1, wherein said actuator is a pressure  
2     sensor disposed in said top surface whereby said electrical power supply means is  
3     actuated by pressure exerted on said top surface or a proximity switch actuated by  
4     proximity of a user thereto.

1     5.     The ventilated bedpan of claim 1, wherein said electrical power supply  
2     means is a battery, and said ventilation unit further comprises a battery housing.

1     6.     The ventilated bedpan of claim 1, wherein said electrical power supply  
2     means is an A/C power connection.

1     7.     The ventilated bedpan of claim 1, wherein said ozonation means is a UV  
2     light fixture.

1     8.     The ventilated bedpan of claim 1, wherein said ventilation unit is disposed  
2     in a housing having opposing openings therein to facilitate air flow through said  
3     housing, and said bedpan and said housing respectively include mated attachment  
4     means whereby said housing and said bedpan can be selectively attached to one  
5     another.

1     9.     A ventilated bedpan assembly, comprising:  
2             a toilet receptacle having a bottom wall, generally upright side walls, and a  
3     top surface having an opening therethrough adapted to receive human waste  
4     materials, said side surfaces including a venting port;  
5             a ventilation unit disposed in a housing having opposing openings therein  
6     to facilitate air flow through said housing, said ventilation unit comprising:  
7             a plenum chamber in airflow communication with said venting port, said  
8     plenum chamber having an intake port and an outlet port;  
9             an ozonation means disposed in said plenum chamber;  
10            a fan disposed in said plenum chamber configured to induce airflow  
11     through said outlet port;  
12            an electrical power supply means in electric communication with said  
13     ozonation means and said fan;  
14            and a flexible hose having a first end peripherally attached to said venting

15 port of said bedpan and a second end peripherally attached to an intake port in  
16 said plenum chamber;  
17 whereby actuation of said ventilation unit causes noxious gases to be  
18 withdrawn through said venting port for deodorization prior to traversing said  
19 outlet port..

1 10. The ventilated bedpan assembly of claim 9, wherein said venting port is  
2 circumscribed by a cylindrical mounting flange portion contiguous thereto and  
3 extending outwardly from said bedpan, wherein said flange is adapted to slidingly  
4 receive said first end of said hose.

1 11. The ventilated bedpan assembly of claim 10, wherein said cylindrical  
2 mounting flange includes a spring-biased tab, and said first end of said hose  
3 include a cooperating aperture adapted to engage with said spring-biased tab.

1 12. A portable ventilation unit for a toilet receptacle having generally upright  
2 sides, comprising:  
3 a plenum chamber having an intake port and an outlet port;  
4 a venting tube in an airflow communication with said intake port, said  
5 venting tube having first and second ends, wherein said first end is adapted to

6 extend into said toilet receptacle and said second end is contiguous to said intake  
7 port;

8 an ozonation means disposed in said plenum chamber;

9 a fan disposed in said plenum chamber configured to induce airflow  
10 through said outlet port;

11 and electrical power supply means in electrical communication with said  
12 ozonation means and said fan;

13 whereby actuation of said ventilation unit causes noxious gases to be  
14 withdrawn through said venting port for deodorization prior to traversing said  
15 outlet port..

1 13. The portable ventilation unit of claim 12, wherein the portion of said  
2 venting tube proximate said first end has a curvilinear configuration allowing  
3 hanging engagement with the sides of the toilet receptacle.

1 14. The portable ventilation unit of claim 12, further comprising hanging  
2 means adapted to engage with an edge of a toilet receptacle.

1 15. The portable ventilation unit of claim 12, further comprising an actuator  
2 coupled to said electric power means.

1     16.     The portable ventilation unit of claim 15, wherein said actuator is a  
2     manually operated on/off switch.

1     17.     The portable ventilation unit of claim 16, wherein said electric power  
2     means is a battery, and said unit further comprises a battery housing.

1     18.     The portable ventilation unit of claim 12, wherein said ozonation means is  
2     a UV light fixture.